CLAIMS

What is claimed is:

1. A method for moving data between processes in a computer-based system, each process calling for one or more symbols in a first library, the method comprising:

associating each process with a second library, said second library comprising one or more symbols with a door interprocess communication mechanism, said door interprocess mechanism enabling each process to set up an initial connection, said connection subsequently communicating a synchronization signal using a semaphore, said one or more symbols enabling data communication through a mapped memory based on said synchronization signal;

intercepting a call from each process for a symbol in said first library; and

redirecting said call to a corresponding symbol in said second library.

2. A method according to claim 1 wherein said first library comprises one or more symbols associated with a socket interprocess communication mechanism.

3. A method according to claim 1 wherein said associating further comprises dynamically linking each process with said second library.

4. A method according to claim 1 wherein said second library comprises one or more server-side symbols and one or more client-side symbols.

5. A method according to claim 4 wherein said server-side symbols further comprise a bind symbol, an accept symbol, a read symbol, and a write symbol.

6. A method according to claim 4 wherein said client-side symbols further comprise a connect symbol, a read symbol, and a write symbol.

7. A program storage device readable by a machine, tangibly embodying a program of instructions readable by the machine to perform a method for moving data between processes in a computer-based system, each process calling for one or more symbols in a first library, the method comprising:

associating each process with a second library, said second library comprising one or more symbols with a door interprocess communication mechanism, said door interprocess mechanism enabling each process to set up an initial connection, said connection subsequently communicating a synchronization signal using a semaphore, said one or more symbols enabling data communication through a mapped memory based on said synchronization signal;

intercepting a call from each process for a symbol in said first library; and

redirecting said call to a corresponding symbol in said second library.

8. The program storage device according to claim 7 wherein said first library comprises one or more symbols associated with a socket interprocess communication mechanism.

9. The program storage device according to claim 7 wherein said associating further comprises dynamically linking each process with said second library.

10. The program storage device according to claim 7 wherein said second library comprises one or more server-side symbols and one or more client-side symbols.

11. The program storage device according to claim 10 wherein said server-side symbols further comprise a bind symbol, an accept symbol, a read symbol, and a write symbol.

12. The program storage device according to claim 10 wherein said client-side symbols further comprise a connect symbol, a read symbol, and a write symbol.

13. An apparatus for moving data between process in a computer-based system, the apparatus comprising:

a plurality of processes;

a mapped memory;

a first library having one or more symbols, said plurality of processes calling for said one or more symbols in said first library of symbols;

a second library having one or more symbols, said one or more symbols associated with a semaphore and a door interprocess communication mechanism setting up an initial connection; and

an interposer intercepting a call from a process for said one or more symbols in said first library and redirecting a call for corresponding said one or more symbols in said second library.

14. The apparatus according to claim 13 wherein said first library comprises one or more symbols associated with a socket interprocess communication mechanism.

15. The apparatus according to claim 13 wherein each process is dynamically linked with said second library.

16. The apparatus according to claim 13 wherein each process communicates a synchronization signal using said semaphore.

17. The apparatus according to claim 16 wherein each process transfers data through said mapped memory based on said synchronization signal.

18. The apparatus according to claim 13 wherein said second library further comprises one or more server-side symbols and one or more client-side symbols.

19. The apparatus according to claim 18 wherein said server-side symbols further comprise a bind symbol, an accept symbol, a read symbol, and a write symbol.

20. The apparatus according to claim 18 wherein said client-side symbols further comprise a connect symbol, a read symbol, and a write symbol.

21. An apparatus for moving data between processes in a computer-based system, each process calling for one or more symbols in a first library, the apparatus comprising:

means for associating each process with a second library, said second library comprising one or more symbols with a door interprocess communication mechanism, said door interprocess mechanism enabling each process to set up an initial connection, said connection subsequently communicating a synchronization signal using a semaphore, said one or more symbols enabling data communication through a mapped memory based on said synchronization signal;

means for intercepting a call from each process for a symbol in said first library; and

means for redirecting said call to a corresponding symbol in said second library.